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SHB9850NC

User manual

PHILIPS

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1 Important safety instructions

Hearing Safety

Danger

- To avoid hearing damage, limit the time you use headphones at high volume and set the volume to a safe level. The louder the volume, the shorter the safe listening time is.

Be sure to observe the following guidelines when using your headset.

- Listen at reasonable volumes for reasonable periods of time.
- Be careful not to adjust the volume continuously upwards as your hearing adapts.
- Do not turn up the volume so high that you can't hear what's around you.
- You should use caution or temporarily discontinue use in potentially hazardous situations.
- Excessive sound pressure from earphones and headphones can cause hearing loss.
- Using headphones with both ears covered while driving is not recommended and may be illegal in some areas while driving.
- For your safety, avoid distractions from music or phone calls while in traffic or other potentially dangerous environments.

General information

To avoid damage or malfunction:

Caution

- Do not expose headphones to excessive heat.
- Do not drop your headphones.
- Headphones shall not be exposed to dripping or splashing.
- Do not allow your headphones to be submerged in water.
- Do not use any cleaning agents containing alcohol, ammonia, benzene, or abrasives.
- If cleaning is required use a soft cloth, if necessary dampened with a minimum amount of water or diluted mild soap, to clean the product.
- The integrated battery shall not be exposed to excessive heat such as sunshine, fire or the like.
- Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.
- Use only the Philips airline adapter to connect the headphones to airplane seat jacks. Do not use other airline adapters as they might not result in correct response or even result in personal injury such as burns or property damage due to overheating. Remove the adapter and disconnect immediately if you experience warming or loss of audio.
- Do not insert any plug into the power jack of the airplane seat because it may damage the headphones and result in personal injury.
- Never use your headphones when you are operating a motor vehicle, riding a bicycle, running or walking in traffic areas. It is dangerous and illegal in many places.

About operating and storage temperatures and humidity

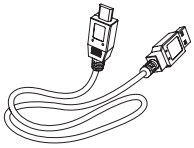
- Operate or store in a place where temperature is between -15°C (5°F) and 55°C (131°F) (up to 90% relative humidity.
- Battery life may be shorter in high or low temperature conditions.

2 Your noise canceling on-ear Bluetooth headphones

Congratulations on your purchase, and welcome to Philips! To fully benefit from the support that Philips offers, register your product at **www.philips.com/welcome**.

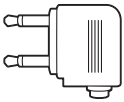
What's in the box

Philips noise canceling on-ear Bluetooth headphones SHB9850NC



USB charging cable

Audio cable



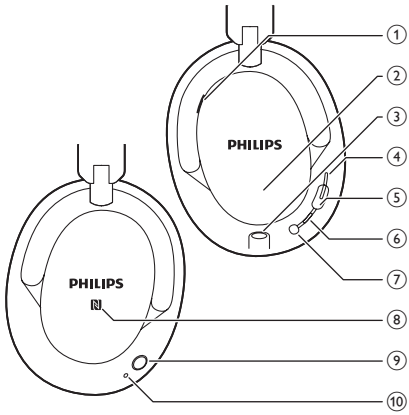
Airline adapter

Quick start guide

Other devices

A mobile phone or device (e.g. notebook, PDA, Bluetooth adapters, MP3 players etc) which supports Bluetooth and is compatible to the headphones (see 'Technical data' on page 10).

Overview of your noise canceling Bluetooth headphones



① **Micro USB charging slot**

② Music/Call control button

③ Audio jack

④ LED indicator

⑤ ⏻
Power button

⑥ Microphone

⑦ /
Pairing/Mute button

⑧ NFC detection area

⑨ Active noise canceling (ANC) on/off button

⑩ Active noise canceling (ANC) LED indicator

3 Get started

Charge the battery

Note

- Before you use your headphones for the first time, charge the battery for 5 hours for optimum battery capacity and lifetime.
- Use only the original USB charging cable to avoid any damage.
- You can operate the headphones normally during charging.
- Normally, a full charge takes 2 hours.
- When the battery level is low, the white LED will flash.

Connect the supplied USB charging cable to:

- the micro USB charging port on the headphones and;
- the charger/USB port of a computer.

Pair the headphones with your mobile phone

Before you use the headphones with your mobile phone for the first time, pair it with a mobile phone. A successful pairing establishes a unique encrypted link between the headphones and mobile phone. The headphones store the last 8 devices in the memory. If you try to pair more than 8 devices, the earliest paired device is replaced by the new one.
There are two ways to pair your headphones with your mobile phone:

- Manual pairing
- NFC pairing

Manual pairing

1 Make sure that the headphones are fully charged.

2 Press and hold ⏻ to turn the headphones on.
   ↳ For previous device pairing, the white LED flashes once and the blue LED flashes.
   ↳ For new device pairing, press and hold ᛒ until the blue and white LED flashes alternately.

3 Turn on the Bluetooth function of your mobile phone.
   ↳ The headphones are in pairing mode for 5 minutes.

4 Pair the headphones with the mobile phone. For detailed information, refer to the user manual of your mobile phone.

NFC pairing

1 Make sure you turn on the NFC function on your phone and your phone's screen remains active.

2 Place your phone over the headphones so that the NFC detection area of each device can touch each other.

3 Pair the headphones with the mobile phone. For detailed information, refer to the user manual of your mobile phone.

Note

- Make sure your mobile phone has the NFC feature available and switched on.
- Make sure your mobile phone is not in standby mode.
- Pairing with NFC is only suitable for Android mobile operating system 4.2 or above.
- Refer to the user manual of your mobile phone to identify its NFC detection area.

The following example shows you how to pair the headphones with your mobile phone.

1 Activate the Bluetooth feature of your mobile phone, select Philips SHB9850NC.

2 Enter the headphones password "**0000**" (4 zeros) if prompted. For those mobile

phones featuring Bluetooth 3.0 or higher, no need to enter a password.

4 Use your headphones

Connect to Bluetooth

Connect the headphones to a Bluetooth device

1 Turn on your mobile phone/Bluetooth device.

2 Press and hold ⏻ to turn the headphones on.
   ↳ The blue LED flashes.
   ↳ The headphones are reconnected to the last connected mobile phone/ Bluetooth device automatically.

Tip

- If you turn on the mobile phone/Bluetooth device or activate the Bluetooth feature after turning on the headphones, you have to reconnect the headphones and mobile phone/Bluetooth device manually.
- If your mobile phone/Bluetooth device cannot reconnect automatically, try to reconnect manually by clicking the headphones' name again under the Bluetooth setting manual on your mobile phone/ Bluetooth device.

Note

- If the headphones fail to connect to any Bluetooth device within range in 5 minutes, it will switch off automatically to save the battery life.

Manage your calls and music

On/off

- Turn the headphones on: press and hold ⏻ for 4 seconds.
- Turn the headphones off: press and hold ⏻ for 4 seconds.
   ↳ The white LED is on and fades out.

Voice control

- Siri/Google Now: press ✱.

Music control

- Play or pause music: tap once.

- Volume up: slide up or slide up and hold.

- Volume down: slide down or slide down and hold.

- Skip forward: slide forward.

- Skip backward: slide backward.

Call control

- Pick up/hang up a call: tap once.

- Reject an incoming call: tap and hold.

- Switch caller during a call: slide forward.

- Mute/unmute the microphone in a call: press / .

LED indicator status (right side of headphones)

Headphones status	Indicator
The headphones are connected to a Bluetooth device, while the headphones in standby mode or while you are listening to music.	The blue LED flashes for every 8 seconds.
The headphones are ready for pairing.	The LED flashes blue and white alternately.
The headphones are on but not connected to a Bluetooth device.	The blue LED flashes quickly.
Low battery.	The white LED flashes slowly.
Battery is fully charged.	The white LED is off.

Wired connection

You can also use the headphones with the audio cable provided when the battery is too low. Make sure the headphones turned off before using the audio cable. Connect the supplied audio cable to the headphones and external audio device.

Connect to ANC (active noise cancelation)

Enable ANC

- Press and hold the ANC on/off button for 2 seconds to enable noise cancelation.
- Press and hold the ANC on/off button for 2 seconds to disable noise cancelation.

Tip

- When the ANC function is not required, switch off the ANC on/off button to continue your call or listening to music.

Enable awareness mode

- Press the ANC on/off button to enable awareness.
- Press the ANC on/off button to disable awareness.
  - ↳ The ANC function will be on/off automatically.

Note

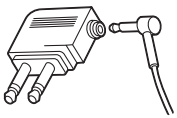
- The awareness mode can be enabled only when ANC is also enabled.

ANC LED indicator status (left side of headphones)

Headphones status	Indicator
Active noise cancelation is on.	The green LED is on.
Awareness mode is on.	The green LED flashes.
Active noise cancelation and awareness mode is off.	The green LED is off.

Connect to airline audio systems

1 Connect the audio cable into the airline adapter.

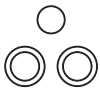


2 Insert the adapter into the dual output jacks in the airplane seat.

- One 3.5mm jack
  Use the single plug. No adapter is needed.

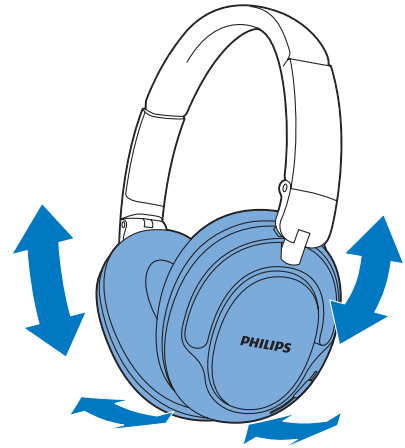
- Two 3.5mm jacks
  Use the 3.5mm dual plug airline adapter.

- One power jack and two 3.5mm jacks
  Use the 3.5mm dual plug airline adapter. Make sure you insert it into two 3.5mm jacks.



Wear your headphones

Adjust the headband to fit your head.



Tip

- After use, twist the headphones for easy storage.

5 Technical data

- Music time (ANC enabled with Bluetooth): 16 hours
- Talk time (ANC enabled with Bluetooth): 15 hours
- Standby time (ANC enabled with Bluetooth): 45 hours
- Music and talk time: Unlimited (with audio cable connected)
- Normal time for a full charge: 2 hours
- Rechargeable Lithium-Polymer battery (530 mAh)
- 3.5 mm audio jack for corded headphones mode
- Bluetooth 4.0, Bluetooth mono support (Headphones Profile - HSP, Hands-Free Profile - HFP), Bluetooth stereo supported (Advanced Audio Distribution Profile - A2DP; Audio Video Remote Control Profile - AVRCP)
- Operating range: Up to 10 meters (33 feet)
- Digital echo & noise reduction
- Auto power off
- Active noise cancelation: Hybrid (4 microphones)
- Low battery warning: available

Note

- Specifications are subject to change without notice.

6 Notice

Notice of compliance

Notice for US
This set complies with the FCC rules, Part 15 and with 21 CFR 1040.10. Operation is subject to the following two conditions:

1. **This device may not cause harmful interference, and**
2. **This device must accept any interference received, including interference that may cause undesired operation.**

FCC rules
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Relocate the receiving antenna.
- Increase the separation between equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body. This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.
Caution: Changes or modifications made to this equipment not expressly approved by Philips may void the FCC authorization to operate this equipment.
Model number: SHB9850NC
Trade Name: Philips
Responsible party:P&F USA, Inc. PO Box 2248 Alpharetta, GA 30023-2248; 1-866-310-0744
Notice for Canada:
This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
This Class B digital apparatus complies with Canadian ICES-003.
IC Radiation Exposure Statement:
This equipment complies with Canada radiation exposure limits set forth for uncontrolled environments.
This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

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7 Frequently asked questions

My Bluetooth headphones do not switch on.
The battery level is low. Charge the headphones.

I cannot pair my Bluetooth headphones with a mobile phone.
The Bluetooth is disabled. Enable the Bluetooth feature on your mobile phone and turn on the mobile phone before you turn on the headphones.

Pairing does not work.
Make sure the headphones are in pairing mode.

- Follow the steps described in this user manual (see 'Pair the headphones with your mobile phone' on page 5).
- Make sure that the LED light flashes blue and white alternately before you release . Do not stop holding the button if you see the blue LED only.

The mobile phone cannot find the headphones.

- The headphones may be connected to a previously paired device. Turn off the connected device or move it out of range.
- Pairing may have been reset or the headphones have been previously paired with another device. Pair the headphones with the mobile phone again as described in the user manual (see 'Pair the headphones with your mobile phone' on page 5).

Voice dialing or redialing does not work on my mobile phone.
Your mobile phone may not support this feature.

The other side cannot hear me on the mobile phone.
The microphone is muted. Press once to enable the microphone.

My Bluetooth headphones are connected to a Bluetooth stereo enabled mobile phone, but music only plays on the mobile phone speaker.
Refer to the user manual of your mobile phone. Select to listen to music through the headphones.

The audio quality is poor and crackling noise can be heard.
The Bluetooth device is out of range. Reduce the distance between your headphones and Bluetooth device, or remove obstacles between them.

The audio quality is poor when streaming from the mobile phone is very slow, or audio streaming does not work at all.
Make sure your mobile phone not only supports (mono) HSP/HFP but also supports A2DP (see 'Technical data' on page 10).

I hear but cannot control music on my Bluetooth device (e.g. play/pause/skip forward/backward).
Make sure the Bluetooth audio source supports AVRCP (see 'Technical data' on page 10).

My headphones do not work when the audio cable is connected.
Microphone function will be deactivated if a 3.5mm audio cable is connected to the headset. In such case, your headphones are only for music enjoyment.

For further support, visit www.philips.com/support.

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